DEHNcare APG

Protective gloves

Actuation of an NH fuse puller using protective gloves

Prevent injuries – Stay healthy

- For protection against thermal and mechanical risks
- Excellent fit due to special glove cut
- Good touch sensitivity due to soft leather inner surface of the gloves
- Breathable materials maximise wearing comfort
- Certified according to the requirements of directive 89/686/EEC on personal protective equipment

General Information:	
Standard	Box test in accordance with IEC 61482-1-2, ATPV test in accordance with IEC 61482-1-1, DIN EN 388, DIN EN 407
Material (glove palm)	Siliconised calf grain leather
Material (glove back)	100% Kevlar® interlock knit
Material (sewing thread)	Kevlar®

Notes

Article 5 of the German Labour Protection Law requires employers to perform a hazard analysis.
This hazard analysis also involves arc fault protection.
Employers must select and provide approved protective clothing including helmets, face shields and gloves to protect personnel against the hazards of arc faults.
They must also ensure that each employee who is exposed to the hazards of arc faults wears protective clothing.
Protective gloves of type APG are no insulating gloves in accordance with EN/IEC 60903 (DIN VDE 0682 Part 311) for live working.

Live Working

Protective and Auxiliary Equipment

DEHNcare APG

Arc-Fault-Tested protective Gloves

Glove size
Measure the circumference around your knuckles to determine your correct glove size.

Order example
Glove size 10 is recommended for a circumference around your knuckles of 24 cm.

Glove size:	
Circumference around the knuckles	Glove size
20.3 cm	8
22.9 cm	9
25.4 cm	10
27.9 cm	11
30.5 cm	12

Type	APG 8	APG 9	APG 10	APG 11	APG 12
Part No.	**785 796**	**785 797**	**785 798**	**785 799**	**785 800**
Incident energy	(class 2) 423 kJ / m²	(class 2) 423 kJ / m²	(class 2) 423 kJ / m²	(class 2) 423 kJ / m²	(class 2) 423 kJ / m²
ATPV (Arc Thermal Performance Value)	32.8 cal / cm²	32.8 cal / cm²	32.8 cal / cm²	32.8 cal / cm²	32.8 cal / cm²
Total length	310 mm	320 mm	330 mm	340 mm	350 mm
Gauntlet length	100 mm	100 mm	100 mm	100 mm	100 mm
Size	8	9	10	11	12

PPE – Personal Protective Equipment

Nominal voltages up to 1000 V

Live working with insulating gloves up to 1000 V

- **For working on live parts**
- **Insulating gloves combine excellent fit and high elasticity with maximum insulation resistance**
- **Two different models to suit your needs**

General Information:	
Standard (gloves)	EN 60903 (DIN VDE 0682 Part 311)
Standard (face shield)	DIN EN 166 and additional GS-ET-29 requirements of the trade association
Standard (NH fuse puller)	DIN VDE 0680 Part 4

Maintenance test
The pneumatic glove tester allows to perform maintenance tests in compliance with the relevant standard and even detects minimal damage to the insulating gloves. Gloves should be inspected before each use, therefore the glove tester is an indispensable and very practical safety tool.

Face Shield with Strap

- Arc-fault-tested in accordance with GS-ET-29 test principle
- High Visible Light Transmittance (VLT)
- Coating on both sides prevents misting up, polished edges, 1.5 mm thick
- The face shield can be locked into the use and non-use position
- Suitable for all common safety helmets for electricians

Type	SSC ASH NS
Part No.	**785 427**
Nominal voltage up to (U_N)	1000 V
Wall thickness	1.5 mm
Size	Universal
Material	Plastic
Incident energy after box test	(class 1) 135 kJ / m²
Visible Light Transmittance (VLT)	> 75 %

NH Fuse Puller with Sleeve

- NH fuse puller in accordance with DIN VDE 0680 Part 4 with sleeve made of coated cotton fabric
- For actuating fuses of sizes NH00, 1, 2 and 3

Type	NHS AG 00 3 NS
Part No.	**785 645**
Nominal voltage up to (U_N)	1000 V
Colour	Brown
Material	Coated cotton fabric

PPE – Personal Protective Equipment

Insulating Gloves, Category M

For high mechanical stress

Type	IHS 00 M 9 NS	IHS 00 M 10 NS	IHS 0 M 9 NS	IHS 0 M 10 NS
Part No.	785 491	785 492	785 493	785 494
Class	00	00	0	0
Nominal voltage up to (U_N)	500 V	500 V	1000 V	1000 V
Colour	Beige	Beige	Beige	Beige
Wall thickness	0.5 mm	0.5 mm	1.0 mm	1.0 mm
Size	9	10	9	10

Insulating Gloves, Category RC

Resistant to acid, oil, ozone, high mechanical stress and extremely low temperatures
With inner coating and textured gripping surface

Type	IHS 00 RC 9 NS	IHS 00 RC 10 NS
Part No.	785 495	785 496
Class	00	00
Nominal voltage up to (U_N)	500 V	500 V
Colour	Orange	Orange
Wall thickness	0.9 mm	0.9 mm
Size	9	10

Sizes 8 and 11 are available on request.

Accessory for insulating Gloves

Storage Bag, empty

With hook-and-loop fastener and coupling hook

Type	AT IHS NS
Part No.	785 490
Colour	Brown
Dimensions	400 x 180 x 50 mm

Accessory for insulating Gloves

Pneumatic Glove Tester

For performing tests required by the standard

Type	PHSP NS
Part No.	785 497
Colour	Grey

Insulating Equipment for Airport Lighting Systems

Nominal voltages up to 17.5 kV / 15 ... 60 Hz

Replacement of a faulty illuminant (airport lighting system) at a runway

- **Equipment for live maintenance and repair work on airport lighting systems**
- **Insulated platform for insulating the operating location**
- **Circumferential, fluorescent marker tape indicates the maximum permissible height for plants in green spaces and can be used as reflector at night**
- **Two removable kneeling cushions for comfortable working**
- **Replaceable skids for easy positioning and transport**

General Information:	
Standard	Based on DIN VDE 0681 Part 1
Relative air humidity	≤ 90%
Temperature range	– 25 °C ... + 55 °C
Use	Not suitable for use in wet weather conditions
Material (insulated platform)	Glass-fibre reinforced plastic
Material (extension)	Glass-fibre reinforced rod

Application

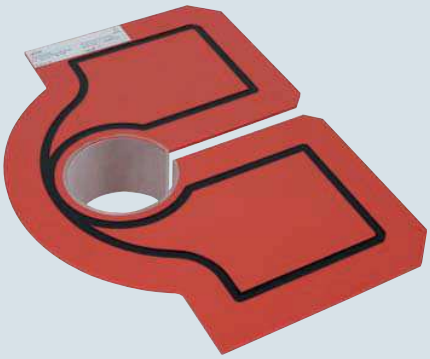
The insulated platform and the insulating extension are used for e.g. replacing illuminants at airport lighting systems under live conditions. The insulated platform insulates the operating location during live working. The insulating extension is used as insulating intermediate section between the ratchet (with 13 mm square) and operating head (e.g. 17 mm bushing).

The insulating extension is used as insulating intermediate section when attaching the illuminant.

Application:
Insulating extension with operating head and ratchet with torque adjustment.

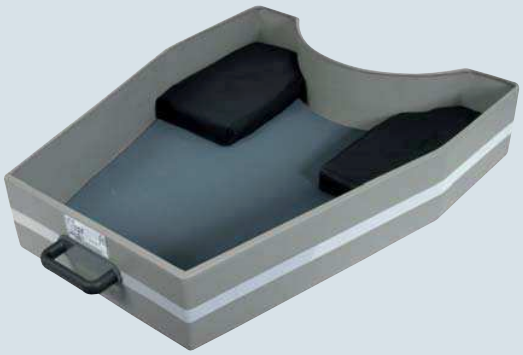
Insulating Equipment for Airport Lighting Systems

Insulating Insert for buried Beacons



Type	IE UF LF 150	IE UF LF 200
Part No.	785 440	785 441
Nominal voltage up to (U_N)	1000 V / a.c.; 1500 V / d.c.	1000 V /a.c.; 1500 V / d.c.
Diameter	150 mm	200 mm
Dimensions	600 x 440 mm	600 x 460 mm

IW insulated Platform



For beacons up to a maximum diameter of 225 mm

Type	IW 17.5 890 650 180
Part No.	785 408
Nominal voltage up to (U_N)	17.5 kV
Dimensions	890 x 650 x 180 mm

Insulating Extension

With 13 mm square and width across flats 17 for torque limiter

Type	IV VK13 SW17 1000
Part No.	785 445
Nominal voltage up to (U_N)	1000 V / a.c.; 1500 V / d.c.
Length	1000 mm